

SEQUENCE LISTING

<110> Aventis Pharma Deutschland GmbH

<120>

<130>

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 29

<212> PRT

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: C peptide

<400> 1

Arg Asp Val Pro Gln Val Glu Leu Gly Gly Pro Gly Ala Gly Ser
1 5 10 15

Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg
20 25

<210> 2

<211> 96

<212> PRT

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: Preproinsulin
I

<400> 2

Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu
1 5 10 15

Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
20 25 30

Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln
35 40 45

Val Gly Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln
 50 55 60

Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln
 65 70 75 80

Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
 85 90 95

<210> 3

<211> 96

<212> PRT

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: Preproinsulin
 II

<400> 3

Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu
 1 5 10 15

Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
 20 25 30

Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln
 35 40 45

Val Gly Gln Val Glu Leu Gly Gly Pro Gly Ala Gly Ser Leu Gln
 50 55 60

Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln
 65 70 75 80

Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Gly
 85 90 95

<210> 4

<211> 90

<212> PRT

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: Preproinsulin
III

<400> 4

Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Lys Gln His Leu
1 5 10 15

Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
20 25 30

Gly Phe Phe Tyr Thr Pro Glu Thr Arg Asp Val Pro Gln Val Glu Leu
35 40 45

Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Gly
50 55 60

Ser Leu Gln Lys Arg Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys
65 70 75 80

Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
85 90